

Setting Materials

All materials should be used according to manufacturer's directions. Due to the translucent nature of glass, the color of the bonding material will impact the ultimate look of the tile. We recommend the use of specific white bonding mortars, some mixed with specific latex admix. See the following list for required thin-sets and follow manufacturer's recommended cure times for all setting materials. Pools, spas and all submerged applications require a minimum 21-day cure time after grouting and before submersion or exposure to heavy water use.

Although we require the use of the highest performing setting materials for installing our products, occasionally, due to the transparent and/or light translucent nature of some of our products, visible effects, also known as "Ghosting," may occur behind the glass. This is a normal occurrence and should not be considered a manufacturing problem with the glass tile.

ACCEPTABLE SETTING SYSTEMS

Select one of these required (**white**) Thin-Set Mortar Systems

- **Custom Building Products:** Premium Plus Thin-Set Mortar (white) mixed with Custom Flex Ultra-Strength Thin-Set Additive
- **Custom Building Products:** MegaFlex Ultimate Thin-Set Mortar (white). No admixture is necessary.
- **Custom Building Products:** MegaLite Crack Prevention Mortar. No admixture is necessary.
- **Flextile:** 52 Versatile Floor Mortar. No admixture is necessary.
- **Hydroment:** ReFlex Ultra-Premium Latex-Modified Thin Set Mortar. No admixture necessary.
- **KeraKoll:** H40 Tenax Single Component Thin-Set (white) No admixture necessary.
- **Laticrete:** 254 Platinum Multipurpose Thin-Set Mortar. No admixture necessary.
- **MAPEI:** Kerabond Premium Dry-Set Mortar (KER 102) mixed with Keralastic Mortar Admix (KER 310)
- **TEC (H.B. Fuller):** Super Flex Premium Performance Universal Latex-Modified Thin-Set Mortar. No admixture is necessary.

CAUTION: When mixing setting and grouting materials with electrical mixing devices do not exceed 300 RPM or the manufacturer's recommendations. All adhesives need to slake (sit) 10-15 minutes after mixing, and remixed before using.



UNACCEPTABLE SETTING MATERIALS

- **Organic adhesive (mastic), due to yellowing and low bond strengths.**
- **Epoxy, due to low flexibility, as well as degradation in UV sunlight.**

GROUT

Install grout mix according to manufacturer's instructions. Grout joints shall be full and uniformly finished. Due to the impervious quality of glass, the grout will take longer to begin setting up as compared to a more porous material like ceramic tile. For initial cleaning of grout from the tile face, use clean, dry cheesecloth. This method will wick additional moisture from the grout and avoid washing out the grout joints. Use only a clean, damp sponge for the final washing and smoothing of the grout joints. For final polishing of excess grout haze use a clean, soft cloth.

Do not use Blue or Green Grout in submerged applications.

We recommend standard sanded grout products.

- **Custom Building Products:** Polyblend Sanded Tile Grout
- **Custom Building Products:** Prism SureColor Grout
- **Flextile:** 600 Polymer Sanded Floor Grout
- **Hydroment:** Sanded Ceramic Tile Grout
- **KeraKoll:** Fugabella 2-12
- **Laticrete:** 1500 Series Tile Grout or equivalent
- **MAPEI:** Ker 200 Series and Ker 700 Series Ultra/Color
- **TEC:** Accucolor Premium Sanded Tile Grout

NOTE: An acrylic grout admix can improve freeze-thaw resistance. Check with the manufacturer for their recommendation on specific applications.



UNACCEPTABLE GROUT

- **Epoxy grout, due to low flexibility, as well as degradation in UV sunlight.**